

#4/Proc Amended  
Sept 10/99

P17856.A03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : M. ASAI et al.

Appl. No. : 09/319,258

Filed : June 11, 1999

For : PRINTED WIRING BOARD AND METHOD  
FOR MANUFACTURING THE SAME



Group Art Unit: 2835

Examiner: UNKNOWN

SUPPLEMENTAL PRELIMINARY AMENDMENT

Assistant Commissioner of Patents  
Washington, D.C. 20231

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SEP 16 1999

Sir:

TECHNOLOGY CENTER 2800

Further to the Supplemental Amendment filed June 11, 1999, and prior to an examination of the above-identified patent application, the Examiner is respectfully requested to amend the application as follows:

✓  
IN THE CLAIMS

Please amend claims 4 and 21 as follows:

31 SUB 90 4. (Twice Amended) A printed circuit board according to claim 1, wherein the roughened layer is formed on at least a part of [the] a side face of the conductor circuit.

32 SUB 90 21. (Twice Amended) A printed circuit board according to claim 13, wherein the alignment mark is used for [positio ning in the] positioning during mounting of a printed circuit board packaged [a s emiconductor] as a semiconductor element to another printed circuit board.